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970	1161	1442	1703	1284	1465	996	1617	898	1299
1020	1321	1622		1554	1525	1066	1707	998	1439
1320	1441			1584	1575	1116		1218	1529
1370	1461				1685	1526		1458	1669
1490	1501				1785	1606		1528	
1550	1671					1646		1708	
1580	1721					1696			
1620						1886			

Finite Strip Method

1642 1644

Flexibility Methods

1

Flexible Couplings

513 514 285
815

Flexible Foundation

1643 188 1509

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951 485 367
1051 1587

Flexural Vibrations

120	1621	962	303	124	435	576	117	278	419
1060		1822	573	264	585	686	417	308	1309
1600			963	1304	705	1306	1467	708	
1790			1123	1314	1315	1836		958	
				1384	1355				

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Floating Structures

531 812 1283 764

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1322 1486 128

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Flow-Induced Vibration

use Fluid-Induced Excitation

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1206

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100	1141	1542			1576	1577	428	1149
110					1826		578	
700							1578	
1460								

Fluid-Film Bearings

970	1191	1193	1194	415	416		558	559
1130			1884	1195				
				1885				

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1751 805

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698

Fluid-Induced Excitation

200	111	302	243	454	185	286	287	278	109
810	201	352	453	1584	945	296	577	808	589
1350	561	452	763	1624	975	536	807	828	689
1460	811	842	1033	1664	1575	696	947	948	949
1810	831	1412	1813		1795	846	1107	1278	1459
	841	1762			1875	946	1137	1308	1579
	931	1812				976	1577	1558	1689
	1761					1106		1578	
	1811					1456		1618	
						1576			

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1703

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470	591	722	833	444	95	286	377	8	279
910	691	762	1173	734	445	696	907	298	299
		862	1483	1294	725	726	927	628	809
		1482	1683			1256	1147	808	859
		1522	1793			1296	1197		1479
		1712				1326	1327		

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Foams	1631	1773				1009			Free Vibration	760	631	1122	1143	264	195	1346	847	268	309
										1700	1611		1283	424	835	1826	1317	848	1439
Forced Vibration														1444				1888	
1210	581	632		165	1286		228	849											
	631	852		1865			858	1089	Freight Cars										
	1571	882					1518	1199		611		473	1494		1186	1187	878	1659	
		962					1708	1209		1181		1873	1864						
		1212					1888	1369											
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480	221	362	173	164	465	67	18	439
		1662		174		327	638	479
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1810 1811 1875

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1530	1461	862	1683	1224	1795	516	1497	748	1669
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1890		1172	1873	1454		746		878	1709
		1332		1694		1066		898	1889
		1532		1754		1106		1238	
				1774		1456		1388	
				1874				1648	
								1738	

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1243

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90	221	262	363	74	75	386	1557	538	1279
680	551	822	553	914	1435	1716		1278	
1430	1081	1382	1433	1034	1595	1736			
1500				1594	1715	1846			

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					1275		1267	1428	819
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1020 781 342 864 865 1836 127 1538 229
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1685 927 1718

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320 101 512 113 504 105 296 267 438 429
490 411 1462 263 704 125 306 437 1778 569
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1310 1521 1643 1794 556 1777 1339
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840 1031 192 343 224 225 1306 347 328 689
1870 1381 222 543 344 1235 1476 427 388 869
1511 1052 354 1236 1506 567 518 969
1562 384 1395 617 568 1429
1682 1394 1505 1117 638
1347 728
1507 1508

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350 221 32 1713 604 545 36 817 518 639
680 1011 672 1733 1594 1265 386 1557 818 1079

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1850 1241 1382 546 1638 1859
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	1411				675			1758	1829
	1661				925			1828	

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